

~Injection Molding Machine Maintenance Services~

Preventive Maintenance for Injection Molding Machines

To ensure our customers can use UBE injection molding machines safely and securely, we offer a variety of maintenance service menus.

In this issue, we introduce **"Maintenance of Servo Control Devices"**, focusing on the importance of **cleaning and replacing servo amplifier boards and cooling fans.**

➤ Purpose of Cleaning Boards and Fans

This involves removing dust, oil, and corrosion from the internal boards and cooling fans of electronic devices.

The main purposes are:

- Maintaining heat dissipation performance
- Preventing poor electrical contact
- Preventing short circuits

Regular cleaning as part of preventive maintenance helps ensure stable operation and safety of equipment.

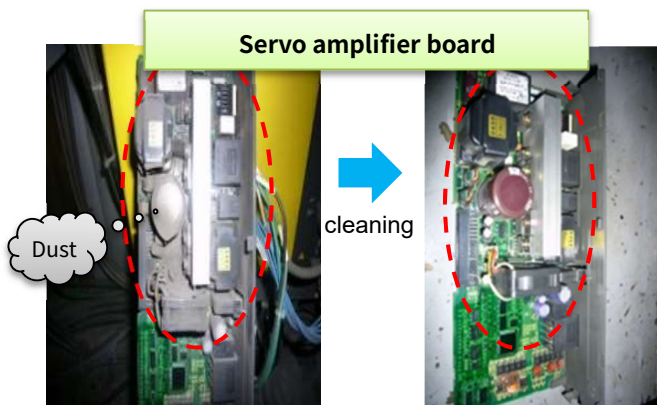


Figure 1: Servo amplifier board

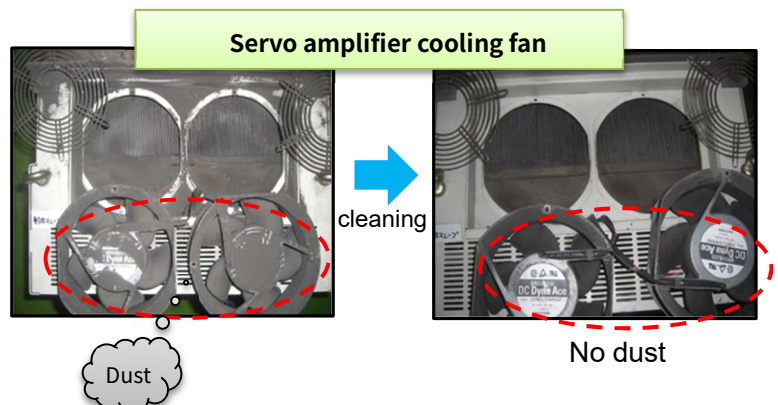


Figure 2: Cooling fan

➤ Why Cleaning Boards and Fans Is Necessary

Accumulated dust and oil on boards and fans reduce heat dissipation and accelerate component deterioration.

If the cooling fan fails to operate properly, the internal temperature of the servo amplifier rises, potentially causing malfunctions or shutdowns.

A breakdown may halt the entire production line. Injection molding machines consist of many components, and their proper functioning is essential for optimal performance.

Regular cleaning and replacement as preventive maintenance can reduce the risk of overheating and burnout, extend equipment life and prevent unexpected failures.

We offer a wide range of services. If you have any questions or concerns, please feel free to contact your local office or service center. You can also reach us via the "Contact Us" page on our website

Contact

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